

Office of Air Programs
5600 Fishers Lane, Rockville, Maryland 20852

Date: June 17, 1971

Reply to
Attn of:

Subject: Compliance Test for Silent Glow, Model CCD-300, Incinerator

To: FSB-DOC

All Applicable Federal Agencies

1. We have received a report prepared by an independent testing concern on the compliance test of the Model CCD-300 incinerator manufactured by:

The Silent Glow Corporation
522 Cottage Grove Road
Bloomfield, Connecticut 06002

2. The test results showed that the incinerator met the emission standards in the Code of Federal Regulations (Title 42 CFR Part 76) while burning Public Health Service standard waste (similar to Type 1) and while burning pathological waste (Type 4).

3. Based on the test results and a comparison of design parameters it is believed the following incinerators will meet the Federal emission standards while operating at capacities shown below:

Model	Maximum Burning Rate #/hr			
	Type 0	Type 1	Type 2	Type 4
CCD-150	130	130	150	100
300	260	260	300	200
600	500	500	600	370
900	800	800	900	540
1500	1200	1200	1500	1000
2200	2000	2000	2200	1450

4. It should be noted that mechanical loaders would be necessary for the larger models in order to realize the higher burning rates.

J. Winkler
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Mechanical Engineer, P.E.

Special Projects Section